

**DBMS**  
**PL/SQL FUNCTION**  
**LAB ASSIGNMENT - 9**

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**Aim:**



















Create a table bank with cno, cname, balance amount and loan amount.

To write a function to calculate and return the difference between the balance amount and loan amount if the cno is given.

**Procedure**

- Create a table with given attributes.
- Write a function for finding the difference of Balance and loan present in the account by taking in cno as key.
- Declare the variable and assign value returned by the function to the variable
- Output the difference through the variable.

## Code and Output

Statement 1   	<pre>create table bank(   cno int,   cname varchar(20),   balance int,   loan int )</pre> Table created.
Statement 2   	<pre>insert into bank values(001,'ABC',25000,45000)</pre> 1 row(s) inserted.
Statement 3   	<pre>insert into bank values(002,'DEF',56000,20000)</pre> 1 row(s) inserted.
Statement 4   	<pre>insert into bank values(003,'GHI',110000,80000)</pre> 1 row(s) inserted.
Statement 5   	<pre>insert into bank values(004,'JKL',78000,12000)</pre> 1 row(s) inserted.
Statement 6   	<pre>insert into bank values(005,'MNO',25000,34000)</pre> 1 row(s) inserted.

Statement 7



```
select * from bank
```

CNO	CNAME	BALANCE	LOAN
1	ABC	25000	45000
5	MNO	25000	34000
3	GHI	110000	80000
4	JKL	78000	12000
2	DEF	56000	20000

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5 rows selected.

Statement 8



```
create or replace function balance (  
    c_no in int  
)  
return int is diff int;  
begin  
    select (balance-loan) into diff  
    from bank  
    where cno=c_no;  
    return diff;  
end;
```

Function created.

Statement 9



```
select balance(2) from dual
```

BALANCE(2)
36000

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**Result:** Hence we have executed PL/SQL function for calculating difference between balance and loan in a bank account with cno as key successfully.